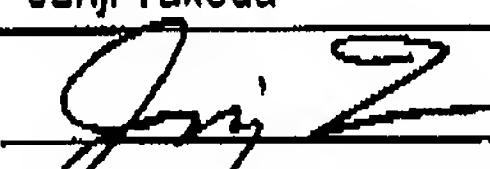
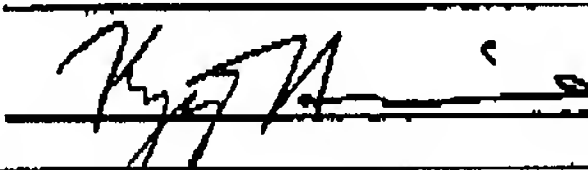
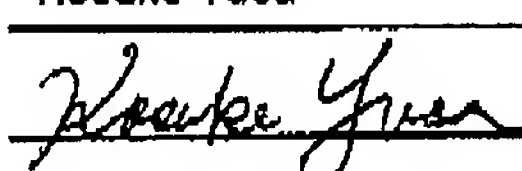


EXPRESS MAIL NO. EV887980760US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
Title of Invention	DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION TECHNIQUE USING RETROTRANSPOSON
<p>As the below named Inventor(s), I/we declare that: This declaration is directed to:</p> <p><input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> Application No. <u>10/579,936</u>, Int'l Application No. <u>PCT/JP2004/017307</u>, Int'l filing date <u>19 November 2004</u>, <input type="checkbox"/> as amended on _____ (if applicable);</p> <p>I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;</p> <p>I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;</p> <p>I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.</p> <p>All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.</p>	
FULL NAME OF INVENTOR(S)	
Inventor one:	Junji Takeda
Signature:	
Citizen of:	Japan
Date:	Apr. 16, 2007
Inventor two:	Kyoji Horie
Signature:	
Citizen of:	Japan
Date:	Apr. 16, 2007
Inventor three:	Kosuke Yusa
Signature:	
Citizen of:	Japan
Date:	Apr. 16, 2007
Inventor four:	Hiroshi Ishihara
Signature:	
Citizen of:	Japan
Date:	
Inventor five:	
Signature:	
Citizen of:	
Date:	
<input type="checkbox"/> Additional Inventors or a legal representative are being named on _____ additional form(s) attached hereto.	

EXPRESS MAIL NO. EV887980780US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
Title of Invention	DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION TECHNIQUE USING RETROTRANSPOSON
<p>As the below named inventor(s), I/we declare that: This declaration is directed to:</p> <p><input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> Application No. <u>10/579,936</u>, Int'l Application No. <u>PCT/JP2004/017307</u>, Int'l filing date <u>19 November 2004</u>. <input type="checkbox"/> as amended on _____ (if applicable);</p> <p>I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;</p> <p>I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;</p> <p>I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.</p> <p>All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.</p>	
FULL NAME OF INVENTOR(S)	
Inventor one: <u>Junji Takeda</u>	Citizen of: <u>Japan</u>
Signature: _____	Date: _____
Inventor two: <u>Kyoji Horie</u>	Citizen of: <u>Japan</u>
Signature: _____	Date: _____
Inventor three: <u>Kosuke Yusa</u>	Citizen of: <u>Japan</u>
Signature: _____	Date: _____
Inventor four: <u>Hiroshi Ishihara</u>	Citizen of: <u>Japan</u>
Signature: <u>Hiroshi Ishihara</u>	Date: <u>March 5, 2007</u>
Inventor five: _____	Citizen of: _____
Signature: _____	Date: _____
<input type="checkbox"/> Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.	

Approved for use through 1/13/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Junji TAKEDA et al.Application No./Patent No.: 10/579,936 Filed/Issue Date: 19 November 2004
(International Date)Entitled: DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION
TECHNIQUE USING RETROTRANSPOSONNATIONAL INSTITUTE OF
RADIOLOGICAL SCIENCES
(Name of Assignee)

a

corporation(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is 25%

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the
current assignee as shown below:

1. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title noted in B above are
attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment
Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See
MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Yoshiharu Yonekura
SignatureMarch 9, 2007
DateYoshiharu Yonekura
Typed or printed namePresident
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Docket No. Y80088.40TUSPC

CANPatentManage\RO&IEP\80348_1.DOC

ASSIGNMENT

WHEREAS, we, Junji TAKEDA, Kyoji HORIE, Kosuke YUSA and Hiroshi ISHIHARA, (hereinafter referred to as ASSIGNORS), having mailing addresses of

c/o Collaborative Research Center for Advanced Science and Technology, Osaka University,
2-1, Yamadaoka, Suita-shi,
Osaka 5650871 Japan

c/o Graduate School of Medicine, Osaka University,
2-2, Yamadaoka, Suita-shi,
Osaka 5650871 Japan

c/o Graduate School of Medicine, Osaka University,
2-2, Yamadaoka, Suita-shi,
Osaka 5650871 Japan

and c/o National Institute of Radiological Sciences,
4-9-1, Anagawa, Inage-ku, Chiba-shi
Chiba 2638555 Japan;

respectively, are the joint inventors of an invention entitled "DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION TECHNIQUE USING RETROTRANSPOSON" as described and claimed in the specification for which an application for United States letters patent was filed and assigned Application No. 10/579,936. This application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/JP2004/017307, accorded an International Filing Date of November 19, 2004;

WHEREAS, OSAKA INDUSTRIAL PROMOTION ORGANIZATION having a usual place of business at c/o Mydome Osaka, 2-5, Honmachibashi, Chuo-ku, Osaka-shi Osaka 5400029 Japan; and NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES having a place of business at 4-9-1, Anagawa, Inage-ku, Chiba-shi Chiba 2638555 Japan; (hereinafter referred to as ASSIGNEES), are desirous of acquiring right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States according to the following allocations:

OSAKA INDUSTRIAL PROMOTION ORGANIZATION	75 percent
NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES	25 percent

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEES, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and, in any and all divisions, reissues and continuations thereof, said invention, application and all letters patent on said invention to be held and enjoyed by

International Application No.: PCT/JP2004/017307
U.S. Application No.: 10/579,936

ASSIGNEES and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

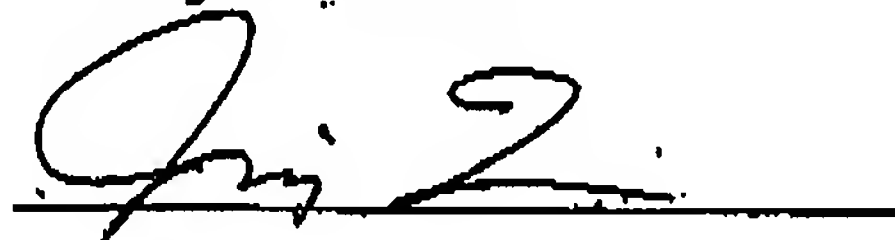
1.

Assignor: Junji TAKEDA

Date:

Apr. 16, 2007

Signature:



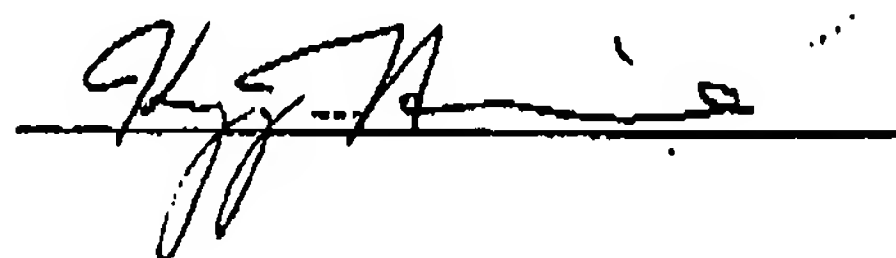
2.

Assignor: Kyoji HORIE

Date:

Apr. 16, 2007

Signature:



International Application No.: PCT/JP2004/017307

U.S. Application No.: 10/579,936

3.

Assignor: Kosuke YUSA

Date: Apr. 16, 2007

Signature: Kosuke Yusa

4.

Assignor: Hiroshi ISHIHARA

Date: _____

Signature: _____

International Application No.: PCT/JP2004/017307

U.S. Application No.: 10/579,936

3.

Assignor: Kosuke YUSA

Date: _____

Signature: _____

4.

Assignor: Hiroshi ISHIHARA

Date: March 5, 2007

Signature: Hiroshi Ishihara